

## Correcullum Vitae (C.V)



### I. Personal Information

**Name:** Hisham Kadry Mohamed Fouad

**Address:** Nuclear Materials Authority, P.O box 530-Maadi,  
Cairo, Egypt

**E-mail address:** [hishamfouad66@hotmail.com](mailto:hishamfouad66@hotmail.com)

**Mobile:** 2012-23320504

**Date of Birth:** December 25<sup>th</sup>,1966

**Place of Birth:** Cairo, Egypt

**Nationality:** Egyptian

### II. Education

1. Ph.D in Inorganic Chemistry, Ain Shams University, May 2000.
2. M.Sc. in Analytical Chemistry, Cairo University, January,1997.
3. B.Sc. in Chemistry (major) mathematical statistics (minor), and German language, Cairo University, May1988, Grade “Very Good”.

### III. Posts Held

\* Nuclear Materials Authority (NMA)- Cairo – Egypt

1988 - 1989 Chemist in Analytical Chemistry Department.

1989 - 1997 Demonstrator in Analytical Chemistry Department.

1997 - 2000 Assistant lecturer in Analytical Chemistry Department.

2000 – 2005 Lecturer in Analytical Chemistry Department.

2005- 2010 Assistant Professor in Analytical Chemistry Department.

2004– 2008 Head of Analytical group – Production of Nuclear Grade Zirconia and Hafnia Project.

2010 - present Professor of Inorganic and Analytical Chemistry.

2013 - present Head of Analytical Chemistry Department.

#### **IV. Practical Experiences**

- Chemical Analysis using the following instruments:
  - UV-VIS (Shimadzu 160-1) for spectrophotometric measurements of complexes and elemental analysis.
  - AAS (UNICAM 969, England) using flame type.
- Wet chemistry techniques using colorimetric, gravimetric, potentiometric titration, etc.
- Head of Atomic Absorption Lab, Analytical Chemistry Department
- PC-DOS, Windows – Word, Excel, Power point.

#### **V. Scientific and Professional Activities**

- Participating in the construction of Atomic Absorption Central Laboratory in NMA and adjusting the conditions for measurements, besides analyzing trace elements in different geological samples.
- Sharing in the specifications of different uranium concentrate products.
- Preparing and modifying different analytical methods of some economic and nuclear elements referring to the international published methods.
- Applying the methods of elemental analysis on different types of rock samples.
- Treatment of various ores using hydrometallurgical methods of decomposition, releasing the valuable elements in aqueous media, and recovering these elements by several methods as solvent extraction, ion exchange, solid phase extraction.....etc.
- Supervising and training graduated colleagues and technicians to use the analytical instruments, preparing standard solutions suitable for each instrument, preparing the ore samples to fit each analytical method and interpreting the data.
- One of the founding members of Nuclear Sciences Scientific Journal (NSSJ)

- Reviewer of scientific papers in several domestic and international journals.

## **VI. Theses Supervision**

Supervising several M.Sc and Ph.D thesis concerning different separation techniques and spectrum of instrumental methods for analysis using advanced devices such as atomic absorption spectroscopy, spectrophotometers, flame photometers, spectrofluorometers, laser technique and inductively coupled plasma- optical emission spectroscopy.

## **VII. List of Publications**

- A list of about thirty published scientific papers in different domestic and international scientific periodicals concerning separation and determination of several nuclear and valuable strategic elements.
- Participation in several scientific reports concerning various projects.